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UTILITY PATENT APPLICATION TRANSMITTAL

Attomey Docket No.	Total Pages	32	
First Nan	0		
Richard Victor Kisley			PT
Express Mail Label No.	ER03235815	1US	<u></u>

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application cont	ents.	ADDRESS TO:	Commissioner Mail Stop Pater P.O. Box 1450 Alexandria, VA	nt Application	22154
1. X Fee Transmittal Form (Submit an original, and a duplicate for fee processing) 2. X Specification (Total Pages)25_ (Preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Application - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 3. X Drawing(s) (35 USC 113) (Total Pages)5 4. Oath or Declaration (Total Pages)2 a. X Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation /divisional with Box 17 completed)	s) named of 1.33(b). 1 a copy of ered as on and is	7. Nucleotide and/or necessary) a. Com b. Pape c. State ACCON 8. X Assignmen 9. 37 CFR 3.7 (when then 10. English Tra 11. X Information Statement 2. Preliminary 3. X Return Rec (Should be 4. Small Entity Statement(5. Certified Co if foreign pr 6. X Other: Exp	puter Readable Copy or Copy (identical to co ement verifying identify IPANYING APPLICAT at Papers (cover sheet 73(b) Statement e is an assignee) anslation Document (if a Disclosure (IDS)/PTO-1449 a Amendment beight Postcard (MPEP specifically itemized) y Statement f status still p copy of Priority Docume iority is claimed) oress Mail Certificate	e Submission (if application proper and desired	corney
40.000	DECRONDEN	05.455555			
☐ Customer Number or Bar Code Label☐ Or Correspondence address below	36491	CE ADDRESS			
NAME Brian C. Kunzler					
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Please type a plus sign (+) inside this box →

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FEE TRANSMITTAL		Complete If Kn wn					
		Application Number	Not yet assigned July 30, 2003				
		Filing Date					
		First Named Inventor	Richard Victor Kisley				
Note: Effective October 1, 2001.		Group Art Unit					
Patent fees are subject to annu	ial revision.	Examiner Name					
TOTAL AMOUNT OF PAYMENT	\$1306	Attorney Docket Number	SJO920030020US1				

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)					
The Commissioner is hereby authorized to charge	3. ADI	DITIONA	L FEE	 S			
indicated fees and credit any over payments to:		Large Entity Small Entity		Entity			
Deposit Account Number: 09-0466	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	
Deposit Account Name: IBM CORPORATION	1051	130	2051	• •	Surcharge - late filing fee or oath		
Charge Any Additional Charge the Issue Fee Fee Required Under In 37 CFR at the Mailing	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		
37 CFR 1.16 and 1.17 of the Notice of	1053	130	2053	130	Non-English specification		
Allowance	1812	2520	1812	2520	For filing a request for reexamination		
2. Payment Enclosed:	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
☐ Check ☐ Money Order ☐ Other	1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action	,	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month		
1. FILING FEE	1252	410	2252	205	Extension for reply within second month		
	1253	930	2253	465	Extension for reply within third month		
Large Small Entity Entity	1254	1450	2254	725	Extension for reply within fourth month		
Fee Fee Fee Fee Description Fee Paid	1255	1970	2255	985	Extension for reply within fifth month		
Code (\$) Code (\$)	1401	320	2401	160	Notice of Appeal		
1001 750 2001 375 Utility filing fee 750	1402	320	2402	160	Filing a brief in support of an appeal		
1002 330 2002 165 Design filing fee	1403	280	2403	140	Request for oral hearing	<u> </u>	
1003 520 2003 260 Plant filing fee	1451	1510	1451	1510	Petition to institute a public use proceeding		
1004 750 2004 375 Reissue filing fee	1452	110	2452	55	Petition to revive - intentional		
1005 160 2005 80 Provisional filing fee	1453	1300	2453	650	Petition to revive - unintentional		
SUBTOTAL (1) \$ 750	1501	1300	2501	650	Utility issue fee		
2. CLAIMS Fee	1502	470	2502	235	Design issue fee		
from Extra below Fee Paid	1503	630	2503	315	Plant issue fee		
Total Claims 30 -20 = 10 x 18 = 180	1460	130	1460	130	Petitions to the Commissioner	 	
Ind. Claims 7 -3 = 4 x 84 = 336	1807	50	1807	50	Petitions related to provisional applications		
Multiple Dep. Claims 0 x 280 = 0	1806	180	1806	180	Submission of Information Disclosure Stmt		
	8021	40	8021	40	Recording each patent assignment per	40	
Large Small Entity Entity	4800	750	1000	075	property (times number of properties)		
Fee Fee Fee Fee Description Code (\$) Code (\$)	1809	750	1809	3/5	Filing a submission after final rejection (37 CFR 1.129(a))		
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3	1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))		
1203 280 2203 140 Multiple dependent claim	Other fee	(specify) _					
SUBTOTAL (2) \$ 516	*Reduced	by Basic F	iling Fee		SUBTOTAL (3)	40	

SUBMITTED BY				Complete (if applicable)		
Typed or Printed Name	rinted Name Brian C. Kunzler			Reg. Number	38,527	
Signature	Brak	21	Date	Jul 30, 2003	Deposit Account User ID	

PATENT APPLICATION

Docket No.: SJO920030020US1

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label No.: ER032358151US

Date of Deposit: July 30, 2003

I hereby certify that this patent application in the name of Richard Victor Kisley for

APPARATUS, METHOD, AND SYSTEM FOR ASYNCHRONOUS REPLICATION OF A

HIERARCHICALLY-INDEXED DATA STORAGE, together with the drawings, a Declaration,

Power of Attorney, and Petition, an Assignment and Recordation Form Cover Sheet, Information

Disclosure Statement, PTO Form 1449, and Copies of Cited References are being deposited with the

United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10

on the date indicated above in an envelope addressed to Mail Stop Patent Application, Commissioner

for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

Brian C. Kunzler

Reg. No. 38,527

Attorney for Applicant

Date: July 30, 2003 Brian C. Kunzler, P.C.

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